10750 Private Cloud Monitoring and Operations with System Center 2012

Course Duration: 5 days

Overview: Students will learn how to configure and optimize a new business unit cloud as well as how to deploy pre-packaged applications and create a new service template to deploy a service into the cloud.

Outline:

Lesson 1 - Introduction to the Private Cloud
Overview of the Cloud Computing Model
Requirements for the Private Cloud
Operating a Private Cloud Infrastructure with System Center
Verifying the Health of the Private Cloud Infrastructure
Verifying the Health and Configuration of System Center
Verifying the Compliance of the Private Cloud Infrastructure
Lab : Verifying the Private Cloud Infrastructure
Lab : Verifying the Compliance of the Private Cloud Infrastructure

Lesson 2 - Configuring and Optimizing Business Unit Clouds
Overview of System Center Virtual Machine Manager
Managing a Virtual Environment with Virtual Machine Manager
Creating Business Unit Clouds
Lab : Configuring and Optimizing Business Unit Clouds

Lesson 3 - Deploying Cloud Services
Overview of Service Templates
VMM Machine Profiles
Configuring SQL Server Profiles
Configuring Application Profiles
Overview of Web Deploy Packages
Overview of Server App-V
Overview of Data Tier Application Packages
Lab : Importing and Deploying the Stock Trader Application

Lesson 4 - Monitoring Private Cloud Services
Overview of System Center Operations Manager
Agent Deployment in Operations Manager
Configuring Custom Monitoring
Monitoring the Network Infrastructure
Monitoring Distributed Applications
Lab : Monitoring Private Cloud Services

Systems IT
1855 Lakeland Dr.
Suite R-101
Jackson, MS 39216

Sabrina Woodward
Work: 601-914-5025
Cell: 601-307-5307
sabrina@systemsit-ms.com

1855 Lakeland Drive
Suite R-101
Jackson, MS 39216
Tele: 601-914-4500
Fax: 601-914-4503
www.systemsit-ms.com

Lesson 5 - Configuring Application Performance Monitoring
Application Performance Monitoring
Advanced Monitoring in Application Performance Monitoring
Viewing Application Performance in Operations Manager
Lab : Configuring Application Performance Monitoring

Lesson 6 - Operating and Extending Service Management in the Cloud
 Overview of Service Manager
Configuring Security and User Roles
Configuring Work Items
Configuring Incident Queues
Configuring Service Offerings
Lab : Operating and Extending Service Management in the Cloud

Lesson 7 - Problem Management in the Cloud
Overview of Problem Management
Creating Custom Rules
Lab : Automating Problem Management in the Cloud

Lesson 8 - Automatic Incident Creation, Remediation and Change Requests
Overview of System Center Orchestrator 2012
Integrating Orchestrator with Operations Manager and Service Manager
Lab : Automatic Incident Creation, Remediation, and Change Requests

Lesson 9 - Automating Self Service Provisioning
Installing and Configuring the System Center Cloud Services Process Pack
Cloud Services Configuration Items
Cloud Services Request Items
Lab : Automating Self Service Provisioning

Lesson 10 - Private Cloud Protection and Recovery
Protecting Data in the Private Cloud
Recovering Data in the Private Cloud
Lab : Private Cloud Protection and Recover

Lesson 11 - Configuring Compliance in the Cloud
Implementing IT Governance, Risk Management, and Compliance (GRC)
Implementing Software Update Compliance
Lab : Configuring Compliance in the Cloud

Lesson 12 - Configuring SLAs, Dashboards and Widgets
Understanding Service Level Tracking in Operations Manager
Configuring and Deploying Widgets and Dashboards in Operations Manager
Publishing Real-Time State with Microsoft Visio
PerformancePoint Overview

Systems IT
1855 Lakeland Dr.
Suite R-101
Jackson, MS 39216

Sabrina Woodward
Work: 601-914-5025
Cell: 601-307-5307
sabrina@systemsit-ms.com

1855 Lakeland Drive
Suite R-101
Jackson, MS 39216
Tele: 601-914-4500
Fax: 601-914-4503
www.systemsit-ms.com

Configuring Service Manager Analytics
Viewing Data with Excel
Lab : Configuring SLAs, Dashboards, and Widgets

Lesson 13 - Optimizing Cloud Resources
Updating Management Packs through the Catalog
Configuring Operations Manager Groom Setting
Configuring Service Manager Groom Settings
Orchestrator Log Overview
Lab : Optimizing Cloud Resources

Systems IT
1855 Lakeland Dr.
Suite R-101
Jackson, MS 39216

Sabrina Woodward
Work: 601-914-5025
Cell: 601-307-5307
sabrina@systemsit-ms.com